

Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: **November 4, 2021**

Utility Name (Cert. No.) Tanalian Electric Cooperative (447)	Utility File No. PC90-1118Q	Date Filed: October 1, 2021
--	---------------------------------------	---------------------------------------

PCE AMOUNT SUMMARY	Previously Approved PC90-1118P	Staff Recommended Amount(s) and Effective Date PC90-1118Q
Class Rate	<u>Date Approved:</u> October 8, 2021	November 5, 2021
Residential	\$0.3511	\$0.3684
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ 3.1013	New Fuel Purchase Price: \$ 3.2890
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: \$189	Surcharge Change: Previous 0.1065 Updated 0.1180

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	20,740	X	3.1013	=	64,321.33
Delivered	6,001	X	3.9376	=	23,629.45
	<u>26,741</u>				<u>\$ 87,950.78</u>
					Weighted Average \$ 3.2890

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 11/4/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u>		
Kurber		<u>KIL</u>		
Scott		<u>AGS</u> AGS		
Sullivan		<u>RMP</u> for DS		
Wilson		<u>JWW</u> JWW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Tanalian Electric Cooperative

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
BASED ON TEST PERIOD ENDING June 30, 2018
Fuel Cost Update and Surcharge Change

	PC90-1118P	PC90-1118Q	PC90-1118Q
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	866,025	866,025	866,025
B. Total kWh Sold (Appendix 2)	793,477	793,477	793,477
C. Total Non-Fuel Costs (Appendix 2)	213,882	213,882	213,882
D. Non-Fuel Cost/kWh (C / B)	\$0.2696	\$0.2696	\$0.2696
E. Total Fuel Costs (Appendix 2)	238,327	252,749	252,749
F. Fuel Costs/kWh (E / B)	\$0.3004	\$0.3185	\$0.3185
G. Eligible Costs/kWh (D + F)	\$0.5699	\$0.5881	\$0.5881
H. Eligible Cost/kWh (G) Less 20.03 cents/kWh	\$0.3696	\$0.3878	\$0.3878
I. Lesser of (H) or 79.97 cents/kWh	\$0.3696	\$0.3878	\$0.3878
J. Average Class Rates (Appendix 3) Residential	\$0.3962	\$0.4077	\$0.4077
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J) Residential	\$0.3511	\$0.3684	\$0.3684
L. Funding Level in Effect	100%	100%	100%
Residential	\$0.3511	\$0.3684	\$0.3684

PC90-1118Q
Appendix 1

Tanalian Electric Cooperative

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON TEST PERIOD ENDING June 30, 2018

Fuel Cost Update and Surcharge Change

		PC90-1118P	PC90-1118Q	
		Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:				
A.	Personnel Costs	80,508	80,508	80,508
B.	Operating Expense	6,275	6,275	6,275
C.	General & Administrative	58,967	58,967	58,967
D.	Depreciation	68,132	68,132	68,132
E.	Interest Expense	-	-	-
F.	Other (Interest Income)	-	-	-
G.	Total Non-Fuel Costs	213,882	213,882	213,882
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	76,847	76,847	76,847
I.	Wtd. Avg. Price of Fuel	\$3.1013	\$3.2890	\$3.2890
J.	Total Cost of Fuel	\$238,327	\$252,749	\$252,749
K.	KWh Generated	936,760	936,760	936,760
L.	kWh Sales	850,107	850,107	850,107
M.	Station Service	22,670	22,670	22,670
N.	Efficiency (K/H)	≥	Standard 11.5	12.19
O.	Line Loss	≤	12%	6.83%
(kWh generated-(kWh sold + Station Service)/kWh generated				

PC90-1118Q
Appendix 2

Tanalian Electric Cooperative

APPENDIX 3

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$25.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+ CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)
500	0.4400	0.1180	0.5580	304.00	0.6080	0.4077

500 304.00 0.6080 0.4077
TOTAL (A) (E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)

TOTAL (A) (E)

Computation of Community Facilities Average Rate

Rate Schedule:

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)
0 to ∞				
Next to				
Next to				
Next to				
Next to				

Tanalian Electric Coop., Inc.

	Invoice Number	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up	Total Cost
Beginning Fuel Inventory			20,740			
Last Approved Fuel Cost/Gal.				\$ 3.1013		
Beginning Fuel Inventory in Gallons	X	Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost --->				\$ 64,321
Reporting Period Purchases	112279	09/16/21	2,000.0	3.8431	189.00	7,875
	112289	09/15/21	2,000.0	3.8331	189.00	7,855
	112300	09/19/21	2,001.0	3.8531	189.00	7,899
						-
						-
						-
						-
						-
						-
						-
						-
						-
Totals for Reporting Period Purchases on this sheet:			6,001			23,629
Grand Totals (beginning inventory plus purchases)	A	26,741				B \$ 87,951

Grand Total Cost divided by Grand Total Gallons = 3.2890 Weighted Avg. Cost per gallon
Purchases: Total Cost divided by Grand Total Gallons = 3.9376 Avg. Cost per gallon

Signature: 

Email: bob.pickett@alaska.gov

Signature: Keith Kurber II
Keith Kurber II (Nov 4, 2021 08:26 AKDT)

Email: keith.kurber@alaska.gov

Signature: 

Email: antony.scott@alaska.gov

Signature: Janis W. Wilson
Janis W. Wilson (Nov 4, 2021 15:32 AKDT)

Email: janis.wilson@alaska.gov